INTRODUCTION

Energy Sistem thanks you for buying Inngenio™ 5500 DUO HDP^2. We wish you enjoy using it.

This compact multimedia player, with HDP^2 technology (3,2” TFT display with 262.000 colours, 2 x built-in speakers and high fidelity processor) and M-EX technology (memory extension with SD cards) allows you to enjoy videos, music and pictures every time and everywhere. Also has an integrated FM tuner module and the innovative DUO feature (2 x stereo outputs).

We recommend to read this user manual in order to enjoy the product in a safe way and with the best features.

CARE AND MAINTENANCE

- Do not expose your Inngenio™ 5500 DUO HDP^2 to shakes, dust, direct sun light, moisture or extreme temperatures.
- Do not use abrasive or corrosive cleansers.
- Keep the device clean and without dust with a soft and dry cloth.
- Recharge the battery when the low battery icon appears on screen.
- Do not disassemble the device. Any repair work must be performed by qualified Energy Sistem Soyntec's personnel.

MAIN FEATURES

- DUO: 2 x stereo outputs.
- HDP^2: 3,2” TFT display with 262.000 colours, 2 x built-in speakers and high fidelity processor.
- M-EX technology: memory extension with SD cards.
- Plays MPEG4 videos (XVID with MP2 audio in AVI format). Includes movie file creator.
- Plays MP3/WMA/WAV music.
- Shows JPG/BMP pictures.
- Integrated FM Radio with 20 presets and direct recording.
- Digital voice recording with built-in microphone.
- High-fidelity in-ear earphones with neodymium magnets.
- Li-Ion rechargeable battery.
- Folder navigation.
- Artists and lyrics on screen (Id3-Tag and LRC).

MAIN FEATURES

- Upgradeable firmware.
- No drivers needed (except W98).
- 8 equalization modes.
- 7 repeat modes and normal and shuffle play modes.

PRODUCT CONTENT

- Energy Sistem® MP4/ MP3/WMA/FM Player Inngenio™ 5500 DUO HDP^2.
- 2 x high-fidelity in-ear earphones.
- User manual.
- Driver CD.
- USB 2.0 High-Speed cable for battery charging and data transfer.
- Carrying case.

GENERAL OVERVIEW

1. V-: Volume - / Down shift / Previous folder / Disable LRC.
2. V+: Volume + / Up shift / Delete / A-B repeat.
3. PREVIOUS: Previous / Fast rewind.
4. NEXT: Next / Fast forward.
5. MENU: Select item / Previous menu / Explorer.
6. PLAY / OK : Power on / Power Off / Play / Pause / Start voice or FM radio recording.
7. DUO: 2 x earphones connector.
8. ON/OFF: Power switch.
9. USB 2.0 Hi-Speed connector for battery charging and data transfer with PC.
10. Memory extension slot for SD cards.

BATTERY POWER

- Your Inngenio™ 5500 DUO HDP^2 has an integrated rechargeable Li-Ion battery. It comes recharged from factory, but it is recommended to perform a full recharge before the first usage.

Recharge the battery connecting the player to a computer using the included USB 2.0 cable (any USB type mini-B with 5-pins will also work).

Optionally, you can recharge the battery with an AC/DC power adaptor with an USB connector (USB type mini-B with 5-pins) (NOTE: the output of the AC/DC must be 500mA maximum), or with an AC/DC adaptor with coaxial connector (IMPORTANT: be sure that the polarity and voltage is just as shown in the back side of the player).

- Charging time is between 3-5 hours, depending if the player is powered off or working. To keep the battery in good conditions, we recommend not to use the player while charging, with the power switch in “OFF” position and do not charge for more than 8 hours.

For battery saving, your Inngenio™ 5500 DUO HDP^2 has two systems:
it will power off the display after 30 seconds of inactivity and it will power off completely after 10 minutes of inactivity. Both systems are configurable, repectively, selecting the SETTINGS icon and “Display”, or SETTINGS and “Power Off Time”. To keep the battery long life, it is recommended not to disable completely the power saving systems.

SWITCHING ON / OFF

- To power on your Inngenio™ 5500 DUO HDP^2, place the switch in the “ON” position and press PLAY for 2 seconds.

Note: When powering on, the device performs a memory check. The power on time depends on the amount of occupied memory.

- Press PLAY for 3 seconds to power off the device. In that time, the device will save your settings.

- Note: If you power off directly with the switch button, your last settings will be lost, and will not remember the last songs played.

MP3/WMA/WAV MUSIC PLAYER

- Inngenio™ 5500 DUO HDP^2 allows you to enjoy MP3 / WMA / WAV codified music thanks to its high fidelity sound processor.

To enter into the mode for playing MP3/WMA/WAV files, press the MENU button over the MUSIC icon.

Press PLAY to start playing the music. If the song has lyrics (LRC file), it will show on screen. Note: A song lyric is a text file with the same name of the music file. If some of your music files does not have the LRC file, the lyric will not be shown, but you can listen it without problem.

Hold the V- button to activate/deactivate the Id3-Tag and LRC function.

MP3/WMA/WAV MUSIC PLAYER

- Press PLAY to pause the music, and to get the volume up/down, hold the V+/V- button.

- Press the PREVIOUS/NEXT button to skip to the previous/next track. You can fast forward or rewind inside the song by holding the PREVIOUS/NEXT button.

If you want to directly select the file to be played, just press the MENU button. For more details, check the “BROWSER: FOLDER NAVIGATION” section.

To exit this mode, hold the MENU button.

- Choose the right equalization mode according your preferences by pressing MENU, selecting the SETTINGS icon, “MUSIC” and “EQ Select” and one of the following modes: “Normal”, “3D”, “Rock”, “Pop”, “Classic”, “Bass”, “Jazz” or “User EQ” (which can be customized by selecting the option “User EQ Set”).

The playing order of tracks depends on the selected mode. By default, the mode is “Normal”. You can choose a different mode pressing MENU, selecting SETTINGS, “MUSIC”, “Play Mode”, and one of the following: “Normal” (natural order) or “Shuffle” (random).

You can also set the repeat mode by selecting “Repeat Mode” and selecting your preferred mode: “Once” (current file and stop), “Repeat One” (repeat current),

“Folder Once” (files incide current folder and stop), “Folder Repeat” (repeat the files inside the current folder), “All Once” (all the files once), “All Repeat” (all the files continuosly) and “Intro” (first 10 seconds and skips to the next file).

- A-B repeat function: You can loop play a part of a song with this function. Press the V+ button to set the point A and press V+ again to set the point B. To cancel this function, press V+ again.

To know the amount of free memory, press MENU and select the SETTINGS icon from the main menu and “System”.

BROWSER: FOLDER NAVIGATION

- This practical function allows you to choose the folder and the music / video / picture / e-Book file that you want to play and that you previously organized with you computer.
To navigate through your folders, being at the MUSIC / VIDEO / PHOTO / E-BOOK, press the MENU button. You can also access by the BROWSER icon from the main menu.
By pressing the PREVIOUS/NEXT button you can select the previous/next folder or file. With the V- button you can return to the upper level and with the MENU button you can enter the selected folder.

Press MENU above the desired file to start playing it. If you want to delete a file, select it, hold V+ and select “Yes” by using the PREVIOUS/NEXT and press MENU. To cancel the deletion, select “No”.

FM RADIO

- Inngenio™ 5500 DUO HDP^2 has an integrated FM radio with 20 presets and direct recording.

To listen the radio, being at the main menu, select the RADIO icon. You must connect the earphones, as the cable works as an antenna.

To display the FM settings menu, press the MENU button.

- Automatic search: Being at the FM setting menu, select “Auto” to start the automatic searching. The presets will be stored automatically as well.

- Manual searching:

    1) Being at the FM setting menu, select “Manual”.

    2) Press PREVIOUS/NEXT to go back/forward inside the frequency band. Hold PREVIOUS/NEXT to activate the automatic search, that will stop when a broadcast signal is tuned.

    3) Once you have tuned a broadcast, store the preset by pressing MENU, select “Mem” and choose the preset number with PREVIOUS/NEXT and press PLAY.

- Choose the mode “Preset” and press the PREVIOUS/NEXT button to skip to the previous/next preset. To get the volume up/down, hold the V+/V- button.

FM RADIO

- Record directly what you are listening on the FM radio by pressing the PLAY button. Press PLAY again to start recording. You can pause by pressing PLAY. To finish recording, hold the PLAY button and press MENU to get back to the RADIO mode.

- The sound files that you recorded are stored inside the “FM” folder. The files are WAV format. You can listen this files while being at the MUSIC mode or BROWSER mode, selecting the “FM” folder using the folder navigation function and pressing MENU on the WAV file that you want to listen.

Exit the RADIO mode by holding the MENU button.

E-BOOK

- View and enjoy your electronic books (e-book in TXT format) everywhere with the high resolution TFT screen of your Inngenio™ 5500 DUO HDP^2. For viewing your e-books, select the E-BOOK icon from the main menu. You will access directly to the files explorer (check the “BROWSER: FOLDER NAVIGATION” section) and choose the book that you like with the PREVIOUS/NEXT button and press MENU to start viewing it.

Press the PREVIOUS/NEXT button to skip to the next/previous page. With the PLAY button you can enable/disable the automatic shifting of lines (timming can be set from the SETTINGS -> “Auto Play Set” -> “Text” option menu). Hold the V+/V- to save/load bookmarks, respectively. Press the MENU button to confirm the actions.

DIGITAL VOICE RECORDING

- Inngenio™ 5500 DUO HDP^2 is able to perform voice recording with its integrated microphone. To enter the voice record mode, select the RECORD icon and press the MENU button.

Press PLAY to start recording. You can pause by pressing PLAY. To finish recording, hold the PLAY button.

The sound files that you recorded are stored inside the “VOICE” folder. The files are WAV format. You can listen this files while being at the MUSIC mode or BROWSER mode, selecting the “VOICE” folder using the folder navigation function and pressing MENU on the WAV file that you want to listen.

Exit the RECORD mode by holding the MENU button.

VIDEO PLAYER

- With Inngenio™ 5500 DUO HDP^2 the music goes to a new dimension when you enjoy your favourite music videoclips any time anywhere.

You can play AVI/WMV/MPG/VOB/ASF videos that you previously converted to the AVI format (XVID with MP2 audio and 320x240 resolution), using the easy software tool included inside the bundled CD. Check the user manual section “CREATING AVI VIDEOS”.

To play videos, select the VIDEO icon from the main menu. You will access directly to the files explorer (check the “BROWSER: FOLDER NAVIGATION” section) and choose the video that you like with the PREVIOUS/NEXT button and press MENU to start playing it.

VIDEO PLAYER

- Press PLAY to pause. Get the volume up/down by pressing the V+/V- button.

Press PREVIOUS/NEXT button to skip to the previous/next video. You can fast forward or rewind inside the video by holding the PREVIOUS/NEXT button.

To access again the file explorer, press the MENU button.

Exit this mode and get back to the main menu, hold the MENU button.

- With the AVIConverter software tool you can easily convert your AVI/WMV/MPG/VOB/ASF videos to the AVI format (XVID with MP2 audio and 320x240 resolution) for enjoying them with your Inngenio™ 5500 DUO HDP².

- For installing AVIConverter follow these steps:

1) Insert the bundled Driver CD in a CD/DVD drive of your computer (if you have an Internet connection, it is recommended to download the latest version from our website www.energysistem.com).

2) Automatically the CD menu will appear on screen. Select “Install AVIConverter”. You can run the installation wizard directly with the file “setup.exe” inside the “Software” folder.

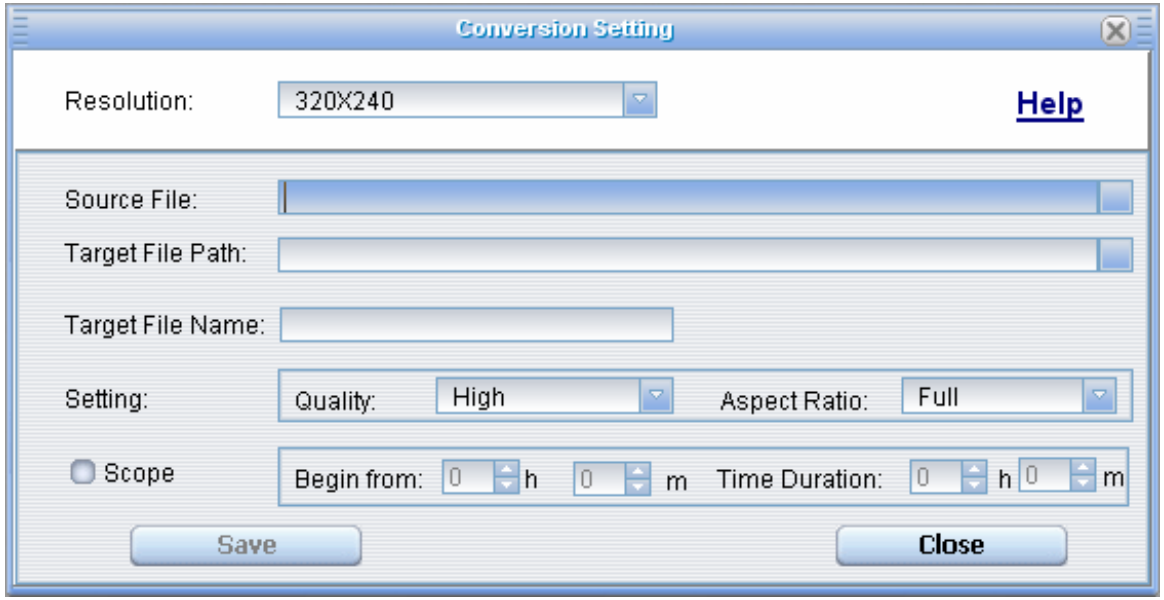
3) Go through the installation steps by pressing “Next”.

4) Once the installation has finished, run the application though the menu “Start”->”All the programs”->”AVIConverter".

- For converting a AVI/WMV/MPG/VOB/ASF video follow these steps:

NOTE: If you want to convert special video formats like MPEG4 / DivX / XviD / etc. be sure that you have installed the needed “codecs”. You can install full “codec” packages like “K-Lite Standard Pack”. Also it is recommended that the files to be converted are in the installation folder.

1) Execute “AVIConverter” from the “Start” menu.
2) Press the “Add” button and select the video file that you want to convert (“Source File").



3) Select the target folder ("Target File Path") and write the name of the new AVI video file to be created ("Target File Name").

4) Choose the image quality of the new video. High quality will use more memory and the output file will be bigger.

5) Select the format of the output video ("Aspect Ratio"). Choose "Full" if you want that the output video include the whole original image, adding black bands if necessary, "4:3" to fill the whole screen ("Pan & Scan"), even if some part of the image needs to be removed from the video and "16:9" for panoramic format.

6) The “Scope” part allows you to delimitate the start and end of the input video. By default, the input video will be converted from start to end.
7) Press “Close” to add the video convertion to the list of pending jobs. Note: you can add as many convertion jobs as you like, in order to convert several videos automatically.
8) Press the “Convert Now” button for start the process.
9) Once finished, press “Close” to exit the application.
10) Connect your Inngenio™ 5500 DUO HDP^2 to the computer (check the user manual section “M-EX: MEMORY EXTENSION AND PC CONNECTION”) and copy the new AVI file inside your desired folder.

VIEWING PICTURES

- View and enjoy your JPG/BMP pictures and photos with the high resolution TFT screen of your Inngenio™ 5500 DUO HDP^2.

For viewing your pictures, select the PHOTO icon from the main menu. You will access directly to the files explorer (check the “BROWSER: FOLDER NAVIGATION” section) and choose the picture that you like with the PREVIOUS/NEXT button and press MENU to start viewing it.

Press the PREVIOUS/NEXT button to skip to the previous/next picture. With the PLAY button you can enable/disable the slideshow (timming can be set from the SETTINGS -> “Auto Play Set” -> “Jpeg” option menu).

M-EX: MEMORY EXTENSION AND PC CONNECTION

- In order to enjoy the multimedia capabilities of your Inngenio™ 5500 DUO HDP^2, you have to previously copy the files from your PC to its internal memory or use the M-EX system to access the data inside a SD card.
NOTE: Swift off the player when inserting / extracting a SD card, in order to avoid data loss.

Connect your Inngenio™ 5500 DUO HDP^2 to the computer using the USB 2.0 cable included. The device will be detected automatically wihout installing any driver (except Windows 98, in which case you have to install the W98 driver from the bundled CD). Once detected, you can read/write to the device's memory just like you where using a regular disk drive.
- IMPORTANT: For avoiding any data loss, always perform a safe USB device extraction before disconnecting the USB cable. In Windows XP, as an example, you can find the safe extraction icon in the "Start" bar, close to the clock.

FIRMWARE REINSTALLATION

- Your Inngenio™ 5500 DUO HDP^2 has a operating system installed, usually named firmware, that sometimes needs to be reinstalled.
- The process is easy, but must be performed carefully, and only when it is really necessary.
- If you see that the player halts, it reboots randomly, or you have problems to access the memory content from your computer, those are signs that the firmware is damaged and needs to be reinstalled.
- Before starting, make a backup of your files inside the Inngenio™ 5500 DUO HDP^2 because during the firmware reinstallation the memory will be formated and erased. Also it is very important to make sure that your computer is free of viruses and has no halt/lock problems.

FIRMWARE REINSTALLATION

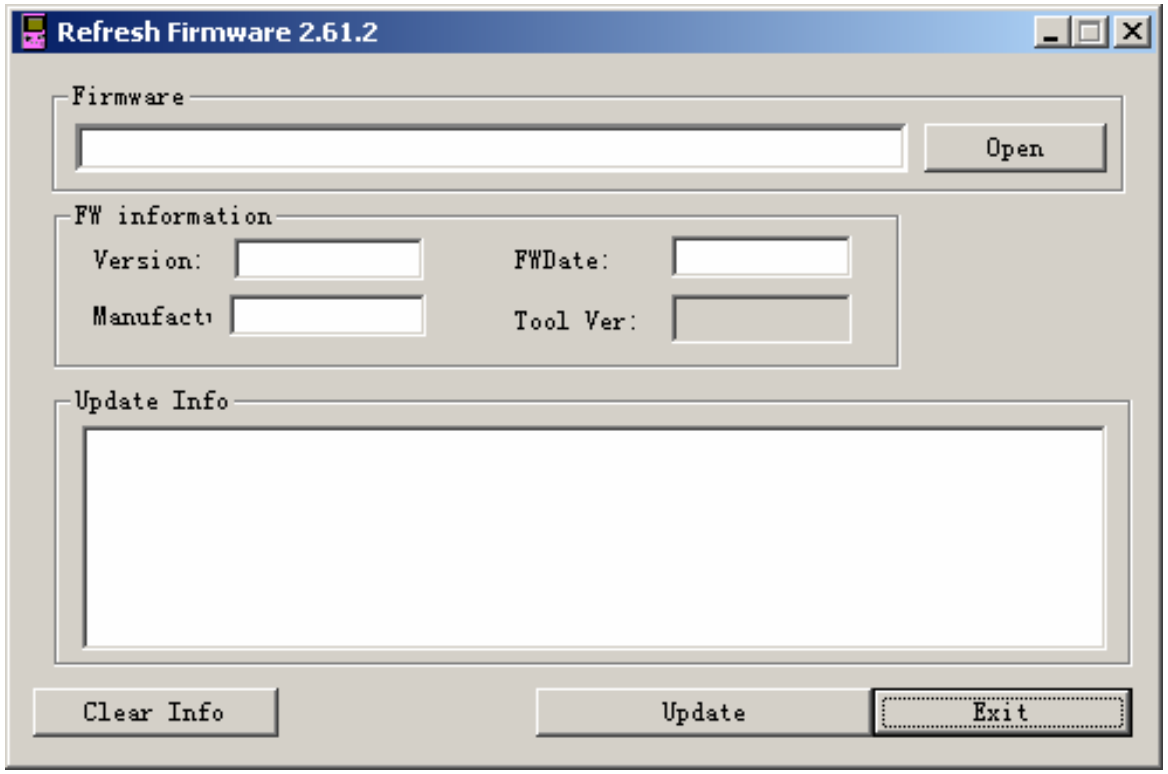
Follow these steps to reinstall the firmware:

1) Insert the bundled Driver CD in a CD/DVD drive of your computer (NOTE: if you have Windows Vista, it is very important to download the latest version of the firmware from our website www.energysistem.com). Be sure that the firmware you are installing is for your model, otherwise you will damage the device.

2) Automatically the CD menu will appear on screen. Selecct “Install Inngenio 5500 Firmware Utility”. You can run the installation wizard directly with the file “setup.exe” inside the “Firmware” folder.

3) Go through the installation steps by pressing “Next”.

4) Once the installation has finished, run the application though the menu “Start”->”All the programs”->” ConsumerUpdate”->"Firmware Update".



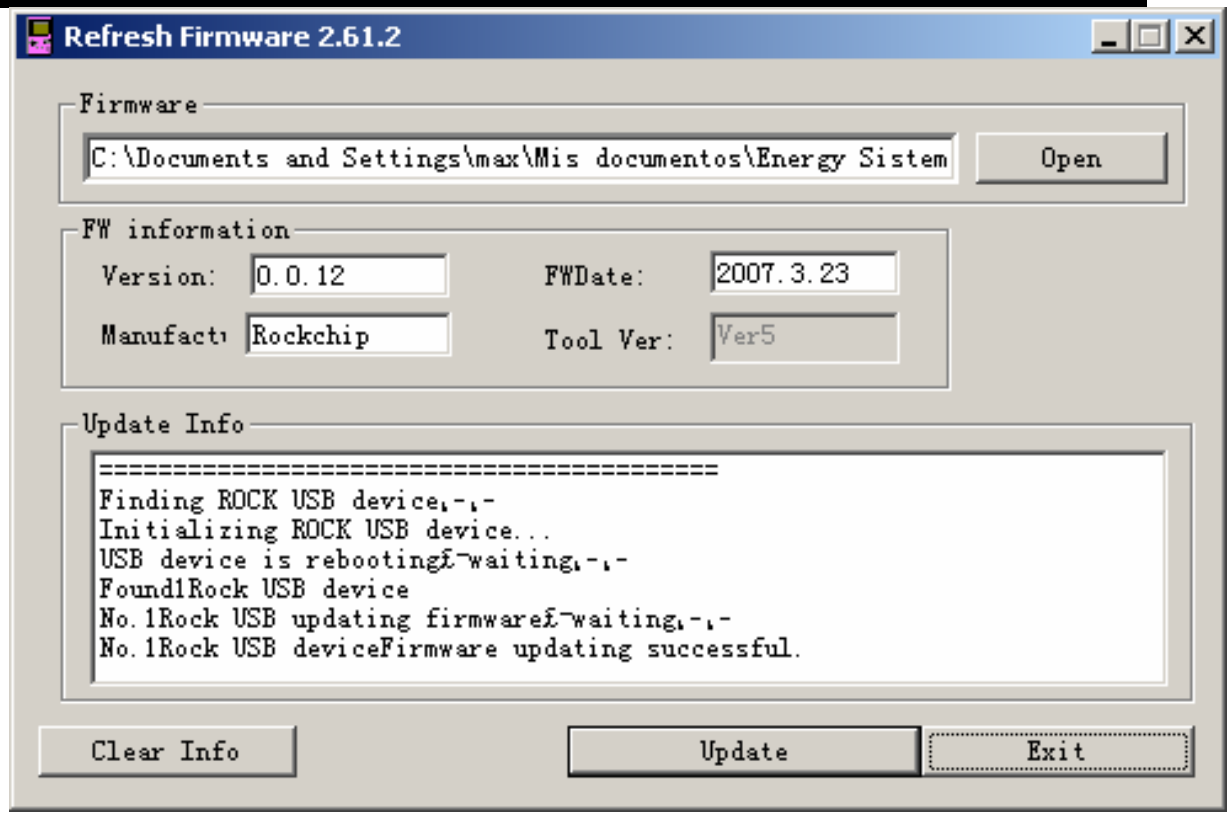
5) Press “Open” and select the firmware file named “Inngenio5500.rfw”.

6) In that moment, power on your Inngenio™ 5500 DUO HDP², select the SETTINGS icon, “System”->”Upgrade” option and choose “Yes”.

7) Plug the device to your computer using the included USB 2.0 cable.

8) Press the “Update” button.

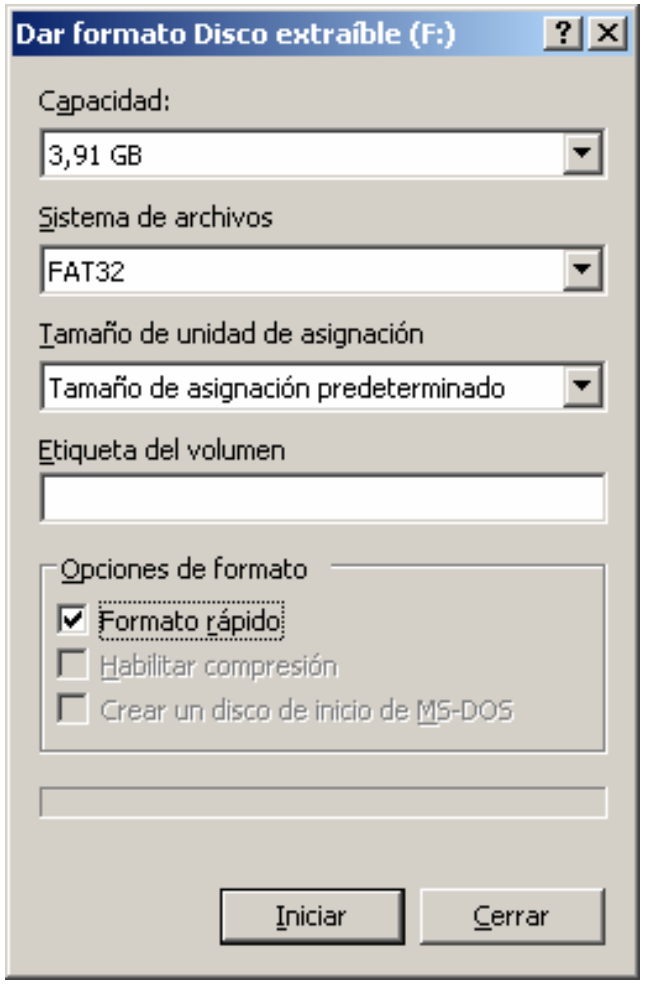
9) Wait until the process ends (around 10 min.). The “Update” button will



activate again and the text “Firmware Update Successful” will appear. Press the “Exit” button.

10) Disconnect your Inngenio™ 5500 DUO HDP² by using the green arrow icon close to the Windows clock (Safe Hardware Removal) and wait until the system confirms that the device can be removed.

11) Unplug the USB cable, power on the device and wait until the main menu appears on screen.



12) Connect the player again to the computer with the USB 2.0 cable.

13) At “My PC”, double click over the drive that represents the internal memory of the player.

14) A message will pop-up explaining that the drive doesn’t have format. It will ask if you want to format the drive. Choose “Yes”.

15) The format window will appear. Check the “Fast format” option and clic the “Start” button.

16) Once the format procedure has finished, press “Close”.

17) You can copy again data to your Inngenio™ 5500 DUO HDP^2 and enjoy it right away.

TROUBLESHOOTING

1.- Why I cannot play some MP3 files?

- The MP3 file has to follow some standards like MPEG1/MPEG2/MPEG 2.5 layer 3. Otherwise, the file must be converted using a software application.

2.- My player doesn’t power on and my computer doesn’t detect it, what can I do?

- It is possible that there is a problem with the firmware. Please check the user manual section “FIRMWARE REINSTALLATION”.

3.- Why I cannot play some WMA files?

- Make sure that you are not coding the WMA files with DRM.

Technical support email address: support@energysistem.co.uk

SPECIAL GUARANTEE

Energy Sistem guarantees that your product does not have any material, design or manufacture defect and provides 36 month guarantee.

Guarantee procedure

Direct to your vendor and present the purchase invoce or ticket. For more information visit www.energysistem.com.

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